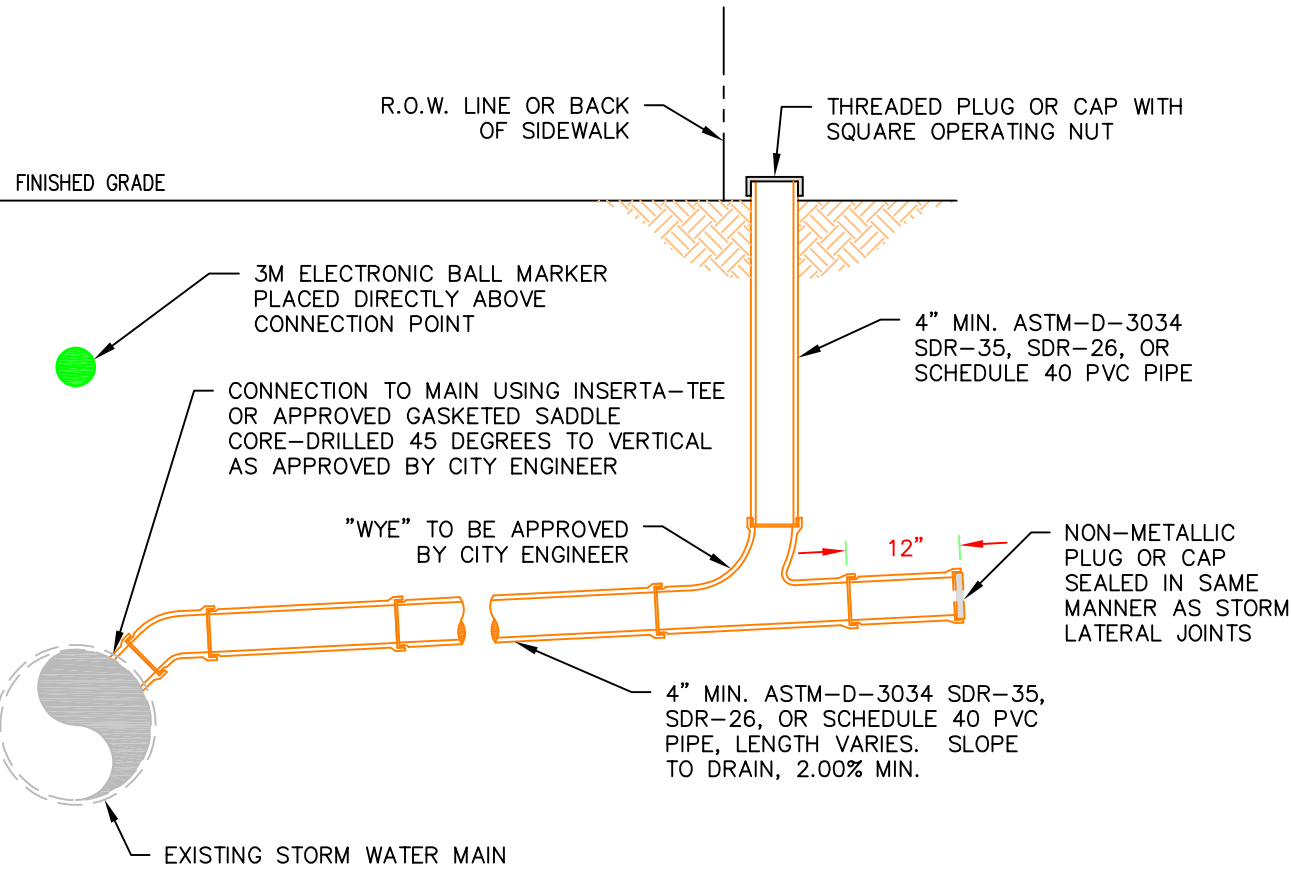
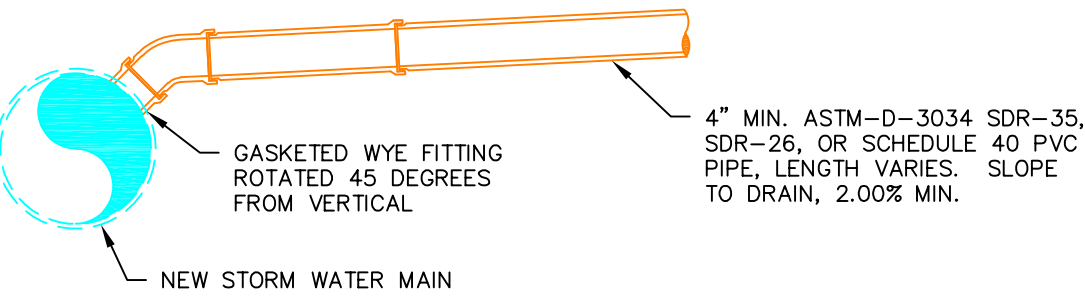


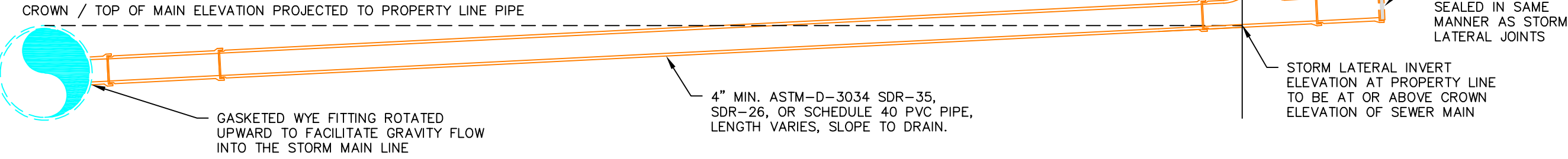
CASE 1 NEW CONNECTION TO EXISTING STORM MAIN



CASE 2 NEW CONNECTION TO NEW STORM MAIN



CASE 3 NEW SHALLOW STORM CONNECTION



GENERAL NOTES

1. ALL CONNECTIONS MUST BE APPROVED BY THE CITY OF WENATCHEE AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
2. LATERAL CONNECTIONS TO THE MAIN LINE SHALL BE A MINIMUM OF 2 FEET APART.
3. LATERAL CONNECTIONS TO THE PUBLIC MAIN LINE SHALL BE DESIGNED TO FLOW BY GRAVITY THROUGH THE POINT OF CONNECTION. PRESSURE SYSTEMS SHALL DISCHARGE INTO GRAVITY FLOW NO LESS THAN 10 FEET UPSTREAM OF THE POINT OF CONNECTION BETWEEN THE 4 INCH LATERAL AND THE MAIN LINE.
4. THE STORM LATERAL, INCLUDING THE TAP, SADDLE, TEE, PIPE, AND CLEANOUT IS CONSIDERED "PRIVATE" UPSTREAM OF THE MAIN LINE POINT OF CONNECTION.
5. MINIMUM 4 INCH DIAMETER CLEANOUTS SHALL BE CONSTRUCTED ON ALL STORM LATERALS. THE VERTICAL RISER SHALL BE OF EQUAL SIZE AS THE LATERAL PIPE OR LARGER.
6. CLEANOUTS MAY BE LOCATED IN THE PLANTER STRIP AT THE BACK OF WALK, IF ONE EXISTS, AND SHALL BE VISIBLE AT FINISHED GRADE. CLEANOUTS LOCATED BELOW FINISHED GRADE SHALL HAVE ACCESSIBLE COVER.
7. 3M ELECTRONIC BALL MARKER TO BE PLACED 24 TO 36 INCHES BELOW FINISHED GRADE AND SHALL BE GREEN IN PIGMENT.
8. CASE 1: CONNECTIONS TO EXISTING STORM MAINS SHALL BE CUT USING A HOLE SAW. CONNECTIONS TO EXISTING MAIN LINES SHALL UTILIZE AN APPROVED TAPPING SADDLE OR TEE-WYE CONNECTION. LATERALS SHALL NOT PROTRUDE INTO THE MAIN LINE.
9. CASE 2: CONNECTIONS TO NEWLY CONSTRUCTED MAIN LINES SHALL UTILIZE A MANUFACTURED, GASKETED TEE-WYE INSTALLED IN-LINE WITH THE NEW STORM MAIN. CORE-DRILLING OF NEW SEWER MAIN LINES FOR STORM LATERALS SHALL NOT BE PERMITTED.
10. CASE 3: WHERE INSUFFICIENT GRADE EXISTS TO ALLOW STORM LATERALS TO BE INSTALLED IN ACCORDANCE WITH CASE 1 OR 2, FLATTER STORM LATERALS ARE PERMISSIBLE ON A CASE-BY-CASE BASIS AS DETERMINED BY THE CITY ENGINEER. CONNECTIONS SHALL UTILIZE A MANUFACTURED, GASKETED TEE-WYE FITTING INSERTED INTO THE MAIN LINE. CUTTING OR DRILLING BELOW SPRINGLINE IS PROHIBITED. THE INVERT ELEVATION OF THE PRIVATE STORM LATERAL AT THE PROPERTY LINE IN SUCH INSTANCES SHALL BE AT OR ABOVE THE ELEVATION OF THE CROWN OF THE PUBLIC STORM MAIN. PRIOR TO SUCH APPROVAL, A SITE-SPECIFIC CONSTRUCTION PLAN AND DETAIL MUST BE PROVIDED TO AND APPROVED BY THE CITY ENGINEER. ANY COSTS ASSOCIATED WITH BYPASS PUMPING WILL BE AT THE CONTRACTOR'S EXPENSE.

STANDARD DETAIL
4" TO 6" STORM LATERAL
12 INCH AND SMALLER MAINS



REVISIONS		DATE	INITIAL
1	DATE DRAWN	3/23/2015	DMN
2	CHECKED	6/19/2015	DMN
3	DESIGNED	2/9/2016	NH
4	APPROVED BY		
5	DATE APPROVED	3/23/2015	
6	SCALE: AS SHOWN		
7	DESIGNED		
8	DRAWN		
9	ROH		
10	APPROVED BY		
11	DATE APPROVED		
12	STANDARD SPECIFICATIONS		
13	WSDOT 7-08 PIPE INSTALL		
14	WSDOT 7-18 SIDE SEWERS		